P.007

PTO/\$8/08A (07-08)

<del></del>		o respond to a collection of information unless it contains a valid OMB control number.  Complete if Known				
Substitute for form 1449/PTO				Application Number	10/764,905	1
INICODI	MATIO	a Diec	NACHDE	Filing Date	January 26, 2004 RECEIV	<del>k</del> n
			LOSURE	First Named Inventor	Sang Hun OH CENTRAL FAX	
STATEMENT BY APPLICANT (Use as meny sheets as necessary)			PLICANT	Art Unit	1756	PENIE
			ossary)	Examiner Name	Sullivan, Caleen O. MAR 9	<b>bua7</b>
Sheet	1	of	2 ·	Attorney Docket Number	PIA31205/ANS/US	

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cito No.'	Document Number  Number-Kind Code <sup>2 (/ Access)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
/CS/	AA	US- 5,710,061	01-20-1998	CLEEVES			
/CS/	AB	US- 5,652,182	07-29-1997	CLEEVES			
		US-					
		US-					
		US-					
		US-		·			
		US-					
		US→					
-		US-					
		US-					
	<b></b> -	US-					
		US-					
		VS-					
		ÚS-					
		US-	Ī				
		US-					
		US-					
• •		US-					
		US-		1			

FOREIGN PATENT DOCUMENTS						
Examiner Cite no."		Foreign Patent Document	Publication Date	Name of Patentos or Applicant of Cited Document	Pages, Columns, Unos, Where Relevant Passages Or Relevant Pigures Appear	l
	''	Country Code <sup>3</sup> Number <sup>4</sup> Tind Code <sup>3</sup> (f known)	MM-DD-YYYY			ľ
/CS/	AC	KR 2003-0000483	01-08-2003	Hynix Semiconductor Inc.		L
/CS/	AD	KR 2001-0059161	07-08-2001	Hynix Semiconductor Inc.		L
						┡
						┝
						╁

Examiner Signature	/Caleen Sullivan/ (05/29/2007)	Dete Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809, Draw line through citation if not in conformance and not considered, include copy of this form with need communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 801.04. 'Enter Office that issued the document, by the two-letter code (MIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must proceed the sorial number of the petent document. 'Kind of document by the suppopriate symbols as indicated on the document under WIPO Standard ST.18 if possible, "Applicant is to piece a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CPR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent by the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTQ-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (07-06) Approved for use through 09/30/2008, CMB 0651-0031
U.S. Patent and Trademark Officer U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO		Annila dia Manahar	Complete If Known	<del>-REC</del> Ì			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/764,905 CEN	TRAL F	
			CLOSURE	Filing Date	January 26, 2004	WA.	
			PPLICANT	First Named Inventor	Sang Hun OH	MAK U	
				Art Unit	1758		
			ooossary)	Examiner Name	Sullivan, Caleen O.		
Sheet	2	2 of 2			Attorney Docket Number	PIA31205/ANS/US	
					ENT LITERATURE DOC		
Examiner nitials*	Cite No.1	Inclu the i	ude na item (b	ook, magazine, jol	imal, serial, symposium, cat	of the article (when appropriate), title of valog, etc.), date, page(s), volume-issue try where published.	T²
/CS/	ВА	Eun S 10200	number(s), publisher, city and/or country where published.  Eun Seok HONG; Method for Manufacturing Semiconductor Device; Korean Patent Abstracts; Publication No. 1020030000483; Publication Date: January 6, 2003; Korean Intellectual Property Office				
/CS/	BB	Byeong Hak LEE: Method for Forming Metallic Winng of Semiconductor Device; Korean Patent Abstracts; Publication No. 1020010059161; Publication Date: July 6, 2001; Korean Intellectual Property Office					
		<del>  </del>		<u> </u>		<u> </u>	ļ <u>-</u>
			•				
		├					+
	İ						
		<b>_</b>					
		-		<del></del>			+
		<del> </del>					<del>                                     </del>
							<del>                                     </del>
	ļ	Ļ		·			+

			_
Examiner		Date	
	/Caleen Sullivan/ (05/29/2007)		
Signature	/Caleen Sullivan/ (US/29/2007)	Considered	

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-785-9199) and select option 2.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw fine through citation if not in conformance and not

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw the through custom in not in commitment and not considered, include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional), 2 Applicant is to place a check mank here if English language Translation is attached.

This collection of Information is required by 37 GFR 1.98. The information is required to obtain or rotain a bonofit by the public which is to fits (and by the USPTO to process) an application. Confidentistly is governed by 35 U.S.C. 122 and 37 GFR 1.14. This collection is estimated to take 2 hours to complete full using gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form sandor suggestions for reducing this burdon, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

APR 0 9 2007

PTO/SB/08B (07-06)

Approved for use through 09/30/2006. OMB 0651-0051

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no consens are required to respond to a collection of information unless it contains a valid OMB control number.

Complete If Known state for form 1449/PTO **Application Number** 10/764,905 INFORMATION DISCLOSURE Filing Date January 26, 2004 STATEMENT BY APPLICANT First Named Inventor Sang Hun OH Art Unit 1756 Examiner Name Sullivan, Caleen O. **Attorney Docket Number** Sheet 1 **PIA31205/ANS/US** of

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
/CS/	CA	Stanley WOLF, Ph.D.; Siticon Processing for the VLSI Era, volume 4; Deep-Submicron Process Technology; 2002; Pgs. 322 - 323 and 458 - 462; Lattice Press, Sunset Beach, California		
· <del>-</del> ,				
		·		
		·		
_				
		·		

Examiner	/Caleen Sullivan/ (05/29/2007)	Date
Signature	/Galeen Sullivani/ (GS/23/2007)	Considered

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-785-9199) and select option 2.

<sup>&</sup>quot;EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not challon is in conformance with MPEP 609. Draw line through challen in not in conformance and not considered, the conformation to applicant.

1 Applicant's unique challen designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 GFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 38 U.S.C. 122 and 37 GFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and authoriting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office. P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: